

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	modeling NEAR ploynomial	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/18 13:17
L2	52	modeling NEAR polynomial	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/18 13:17
L3	382	modeling WITH polynomial	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/18 13:17
L4	572129	noise OR (disturbance NEAR signal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/18 14:21
L5	580377	(low OR lower) WITH order	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/18 13:18
L6	2251977	remove OR filter	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/18 13:18
L7	34	L3 AND L4 AND L5 AND L6	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/18 13:21
L8	34	L7 AND polynomial	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/18 14:07
L9	1	"5502663".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/18 14:07
L10	12	("4146931"   "4185325"   "4337518"   "4356559"   "4803647"   "5031132"   "5170369"   "5315621").PN. OR ("5502663"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/18 14:20
L11	18346	digital NEAR filter	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/18 14:21
L12	1235	L11 AND polynomial	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/18 14:21
L13	15	L12 AND (disturbance NEAR signal)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/18 15:10
L14	1	"5025794".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/18 15:10

## EAST Search History

S1	193	128/901.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:40
S2	1080	600/509.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/29 15:28
S3	92	600/509.ccls.	EPO; JPO	OR	OFF	2006/03/29 15:28
S4	1	128/901.ccls.	EPO; JPO	OR	OFF	2006/03/29 15:35
S5	2	lindstrom-lars.in.	EPO; JPO	OR	OFF	2006/03/29 15:36
S6	9	lindstrom-lars.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/03/29 15:38
S7	30409	polynomial	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 15:14
S8	1309935	filter OR filtering	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/29 15:39
S9	12981	S7 AND S8	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/29 15:40
S10	11737	S9 AND signal	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/29 15:41
S11	545	S10 AND (cardiac OR myoelectric OR ECG OR EKG OR electrocardiog\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 14:12

## EAST Search History

S12	36	(US-20050240087-\$ or US-20050222508-\$ or US-20050277840-\$ or US-20050119580-\$ or US-20020156384-\$ or US-20020193694-\$ or US-20020193693-\$ or US-20020038092-\$ or US-20050209521-\$ or US-20050125473-\$ or US-20060047213-\$).did. or (US-6625484-\$ or US-6622044-\$ or US-6584351-\$ or US-6405076-\$ or US-6216031-\$ or US-5603321-\$ or US-5601088-\$ or US-5564430-\$ or US-5368041-\$ or US-5318036-\$ or US-4991587-\$ or US-4408615-\$ or US-4478224-\$ or US-6847737-\$ or US-6810283-\$ or US-6708057-\$ or US-5617871-\$ or US-5660184-\$ or US-5025794-\$ or US-4964410-\$ or US-4466440-\$ or US-4633884-\$ or US-6901286-\$).did. or (US-2648822-\$).did. or (JP-06014896-\$).did.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/03/30 09:16
S13	7	S12 AND polynomial	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/03/30 09:16
S14	6	("4422459"   "4458691"   "4458692"   "4492235"   "5025724"   "5117833").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 11:04
S15	17	("4422459"   "4458691"   "4458692"   "4492235"   "5025724"   "5117833").PN. OR ("5318036"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 11:04
S16	2	S15 AND polynomial	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 11:05
S17	7	("4793361"   "5318036"   "5365934"   "5372139").PN. OR ("5603321"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 11:07
S18	21	("4038536"   "4791390"   "4811263"   "5031194"   "5115452"   "5119196"   "5187692"   "5206911"   "5226057"   "5282154"   "5293402"   "5318036"   "5329472"   "5329587"   "5337366"   "5386243"   "5386477"   "5428562").PN. OR ("5745396"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 13:10

## EAST Search History

S19	1	"5603321".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 13:11
S20	1	"5601088".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 14:29
S21	1	"5318036".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 13:11
S22	43	("4105023"   "4149527"   "4244376"   "4674509"   "4723553"   "4793361"   "4868773"   "5010888"   "5029118"   "5168459"   "5238000"   "5267567"   "5273049"   "5311873"   "5311874"   "5323781"   "5324284"   "5391199"   "5405375"   "5409000"   "5409007"   "5411025"   "5413105"   "5415166"   "5436564"   "5447519"   "5450846"   "5454370"   "5476495"   "5485849"   "5487391").PN. OR ("5601088"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 13:11
S23	0	"5601088".pn. AND polynomial	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/30 14:29
S24	30452	polynomial	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 15:14
S25	12504	S24 AND model	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 15:49
S26	6174	S25 AND filter	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 15:15
S27	3620	S25 AND filter	USPAT	OR	ON	2006/03/30 15:15
S28	3076	S24 SAME model	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 15:49
S29	1623	S28 AND (filter OR filtering)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 16:20

## EAST Search History

S30	12739	edge NEAR effect	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 16:20
S31	40	S29 AND S30	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 16:28
S32	1010	455/78.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 16:35
S33	1	455/78.ccls. AND polynomial	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 16:36
S34	8	324/76.12.ccls. AND polynomial	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 16:44
S35	2645	S24 SAME (filter OR filtering)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 16:44
S36	45	S35 AND S30	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/30 17:00
S37	586	708/300.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/31 10:34
S38	70	708/300.ccls. AND polynomial	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/31 10:39
S39	56	708/313.ccls. AND polynomial	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/31 10:39
S40	1	"6847737".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 13:41
S41	2	("5025404"   "5644646").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 13:45
S42	3	"5856934".pn. "5502663".pn. "20030102991"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 13:46

## EAST Search History

S43	1	"6154547".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 13:46
S44	22	("3678416"   "3753159"   "3889108"   "4322641"   "4622520"   "4761829"   "5070527"   "5097221"   "5278780"   "5339455"   "5371695"   "5396561"   "5432854"   "5465406"   "5465410"   "5649321").PN. OR ("6154547"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 13:48
S45	1	S44 AND polynomial	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 13:48
S46	30503	polynomial	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 14:12
S47	1312088	filter OR filtering	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 14:12
S48	13027	S46 AND S47	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 14:12
S49	593	S48 AND (cardiac OR myoelectric OR ECG OR EKG OR electrocardiog\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 17:12
S50	180	"lab view"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/04 17:15
S51	6	("20030102991"   "5502663"   "5594612"   "5646569"   "5856934"   "6154547").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/04 17:31
S52	4848	"edge effects"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:54
S53	1524	S52 AND (filter OR filtering)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 08:54
S54	1024	S52 AND (filter OR filtering)	USPAT	OR	OFF	2006/04/06 08:59
S55	710	S54 AND signal	USPAT	OR	OFF	2006/04/06 09:00

## EAST Search History

S56	13	("5014134"   "5046504"   "5101446"   "5297033"   "5321776"   "5331414"   "5384725"   "5422963"   "5537494").PN. OR ("5852681"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 10:59
S57	1	"5318036".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:31
S58	222	ECG AND (filter OR filtering) AND (background NEAR noise)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 16:36
S59	44	ECG AND (filter OR filtering) WITH (background NEAR noise)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 16:36
S60	44	ECG AND ((filter OR filtering) WITH (background NEAR noise))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 16:36
S61	1	"5579243".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/07 10:26
S62	1	"5502663".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/07 10:26
S63	1	"5318036".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/07 10:27

## EAST Search History

S64	49	(US-20050125473-\$ or US-20050277840-\$ or US-20050240087-\$ or US-20050222508-\$ or US-20030171682-\$ or US-20050119580-\$ or US-20020193694-\$ or US-20020193693-\$ or US-20020156384-\$ or US-20020038092-\$ or US-20060047213-\$ or US-20050209521-\$ or US-20050038351-\$ or US-20020165460-\$ or US-20030195910-\$ or US-20040252772-\$ or US-20050273482-\$ or US-20040088342-\$).did. or (US-6847737-\$ or US-6622044-\$ or US-6625484-\$ or US-6584351-\$ or US-6405076-\$ or US-6216031-\$ or US-5564430-\$ or US-5603321-\$ or US-5601088-\$ or US-5318036-\$ or US-5368041-\$ or US-4991587-\$ or US-4478224-\$ or US-4408615-\$ or US-6810283-\$ or US-6708057-\$ or US-5660184-\$ or US-5617871-\$ or US-4964410-\$ or US-5025794-\$ or US-4633884-\$ or US-4466440-\$ or US-6901286-\$ or US-5282154-\$ or US-5886913-\$ or US-5721696-\$). did. or (US-5432723-\$ or US-5150317-\$ or US-5092341-\$). did. or (US-2648822-\$).did. or (JP-06014896-\$).did.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/04/07 10:27
S65	1	S64 AND (legendre OR chebyshev)	USPAT	OR	OFF	2006/04/07 11:01
S66	1	S64 AND oscillatory	USPAT	OR	OFF	2006/04/07 13:05
S67	1	"5603321".pn.	USPAT	OR	OFF	2006/04/07 13:16
S68	367	polynomial AND oscillatory	USPAT	OR	ON	2006/04/07 13:17
S69	15	(polynomial AND oscillatory) SAME filter	USPAT	OR	ON	2006/04/07 13:35
S70	1	"6988116".pn.	USPAT	OR	ON	2006/04/07 14:03
S71	2399	"square law" AND power	USPAT	OR	ON	2006/04/07 14:03
S72	82	S71 AND polynomial	USPAT	OR	ON	2006/04/07 14:03
S73	0	((filter OR filtering) AND polynomial AND (higher NEAR order) AND (lower NEAR order) AND (noise OR disturbance)).clm.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/07 16:00

## EAST Search History

S74	330	((filter OR filtering) AND polynomial AND (higher NEAR order) AND (lower NEAR order) AND (noise OR disturbance))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/07 16:39
S75	2	((filter OR filtering) AND polynomial AND (higher NEAR order) AND (lower NEAR order) AND (noise OR disturbance)) AND EMG	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/18 13:17